

He and other Gasses

FIG. 2

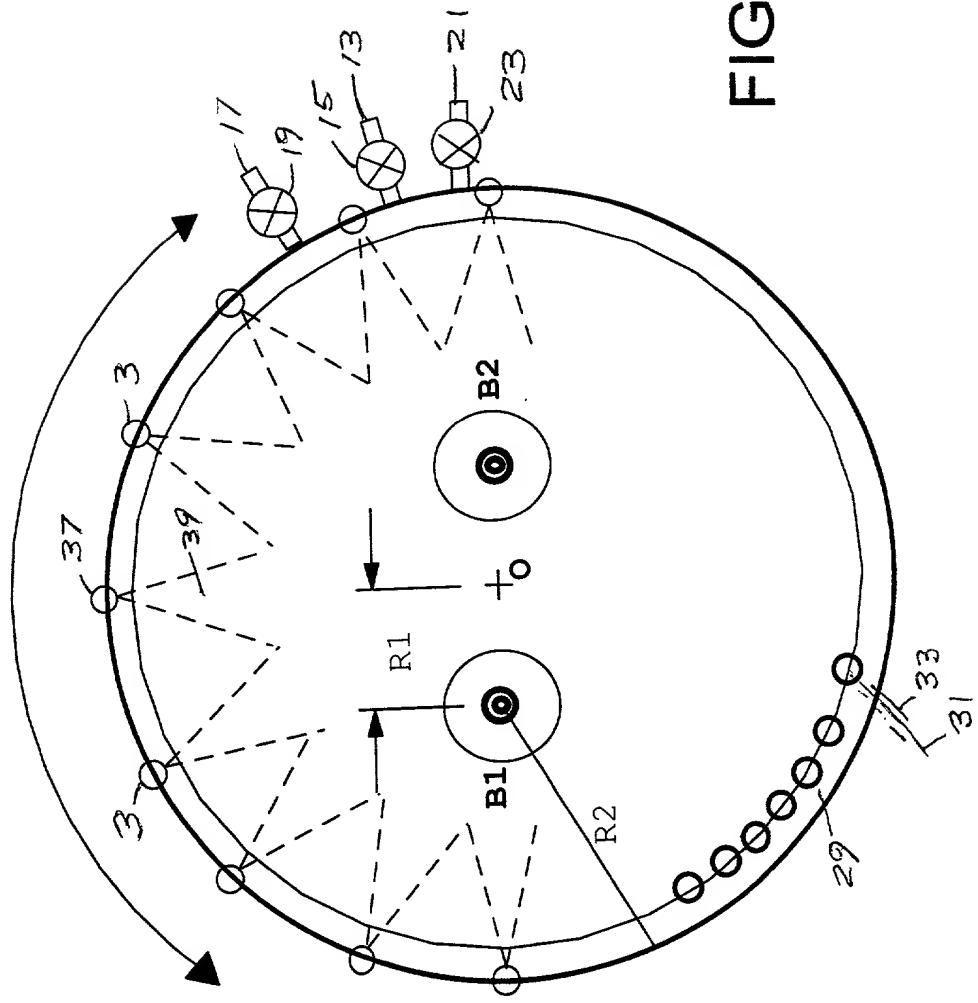
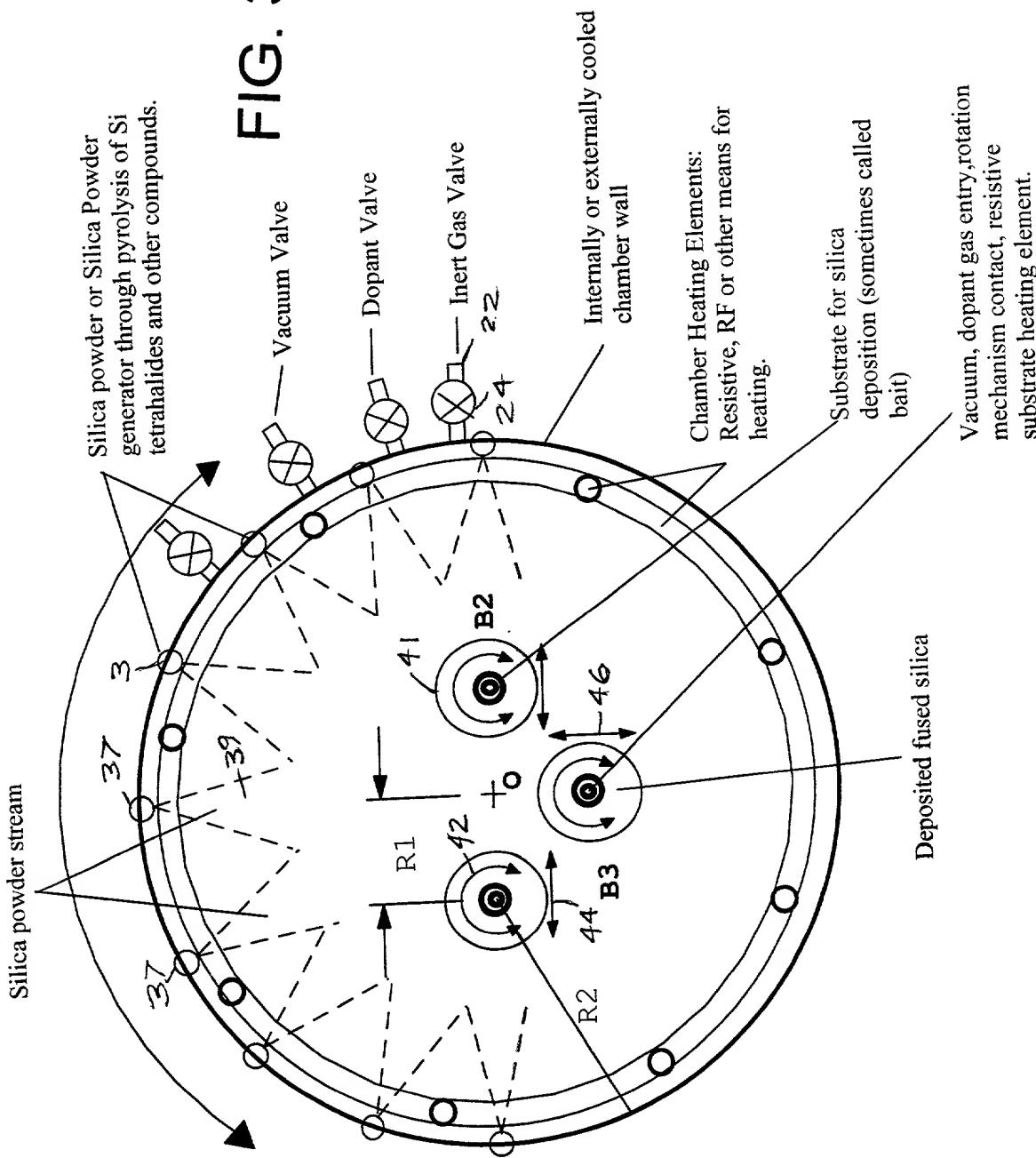


FIG. 3



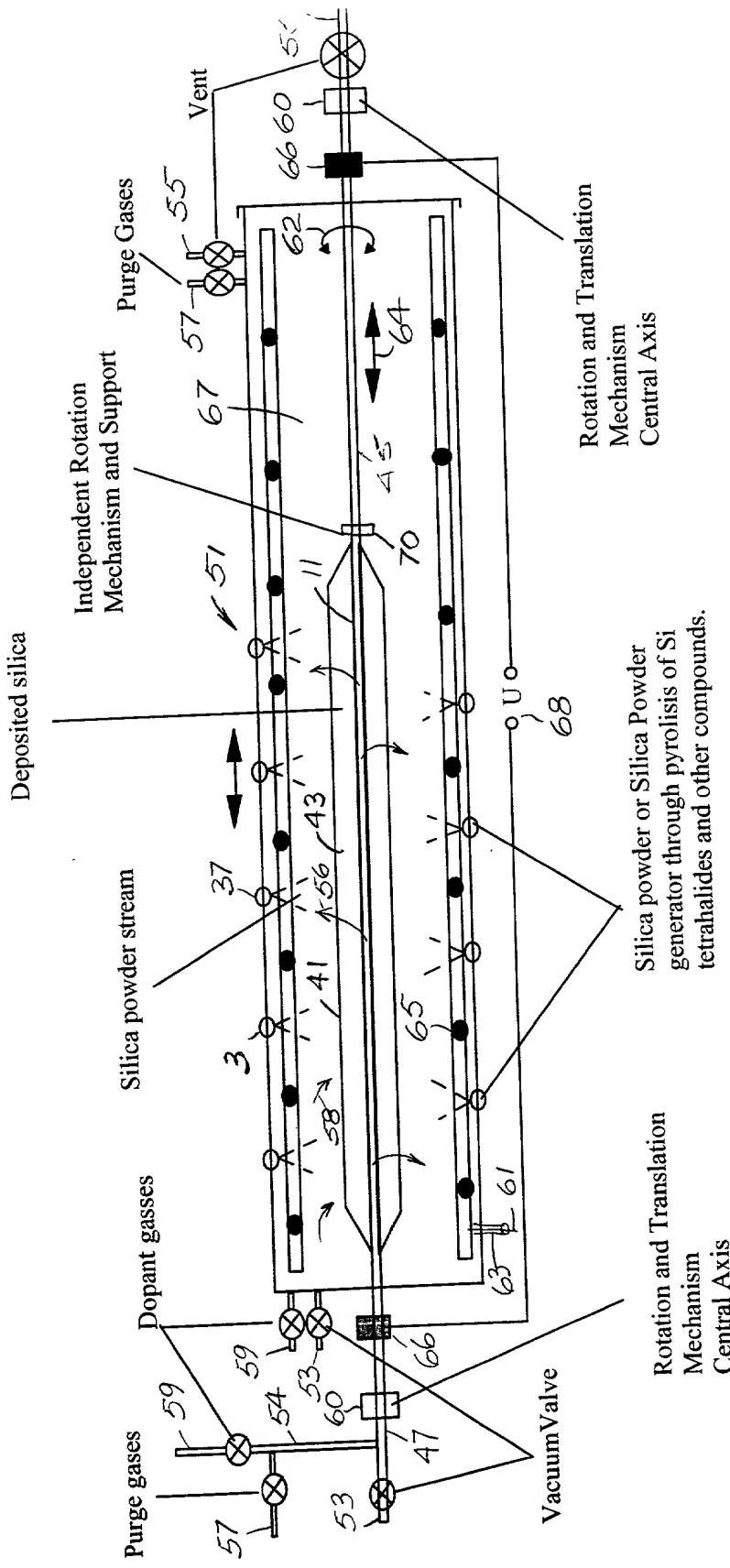


FIG. 4

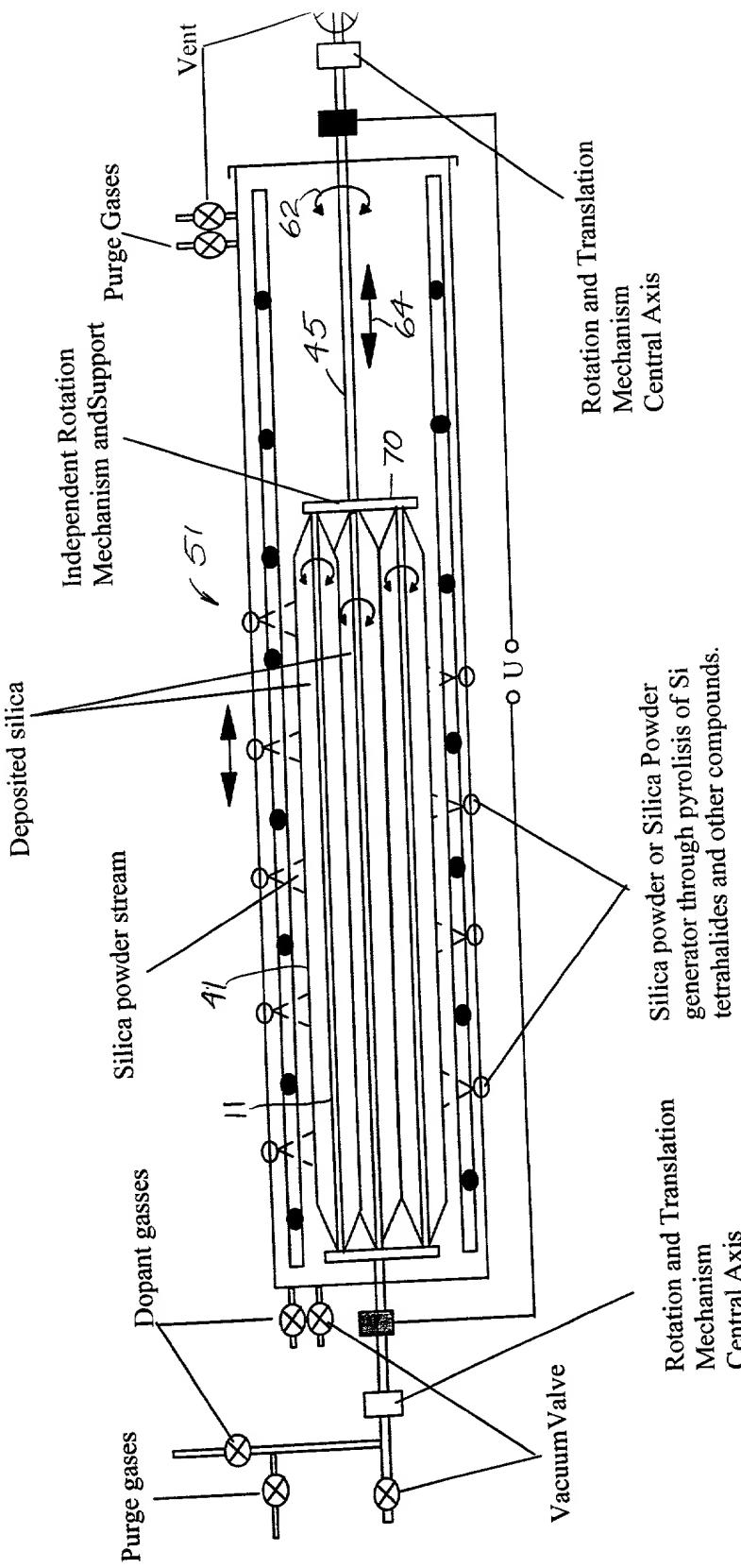


FIG. 5

1000 900 800 700 600 500 400 300 200 100 0

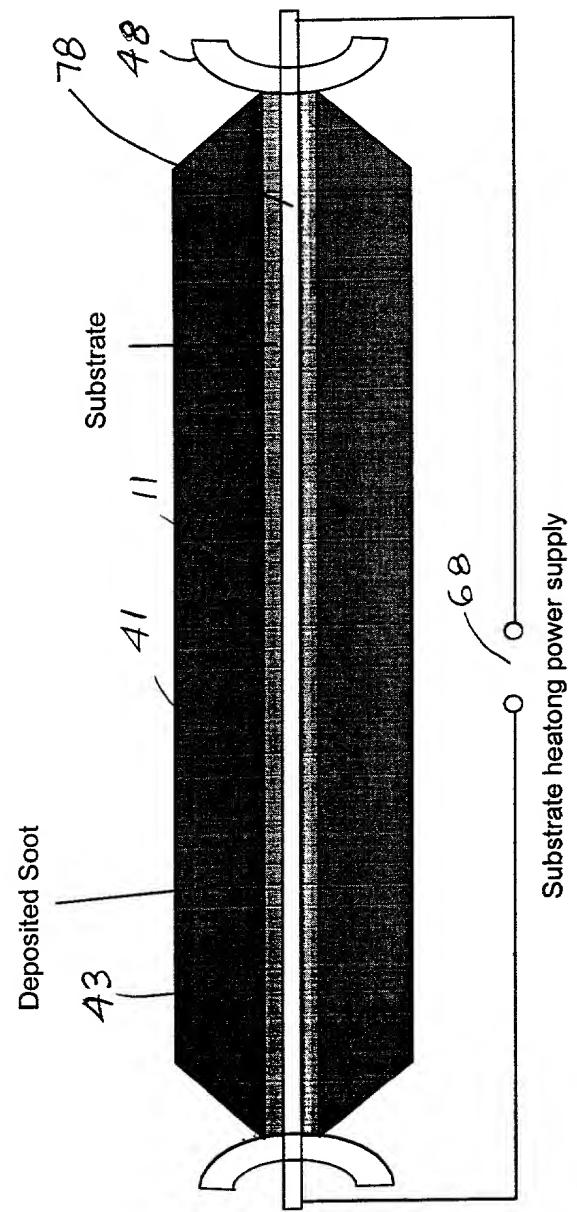
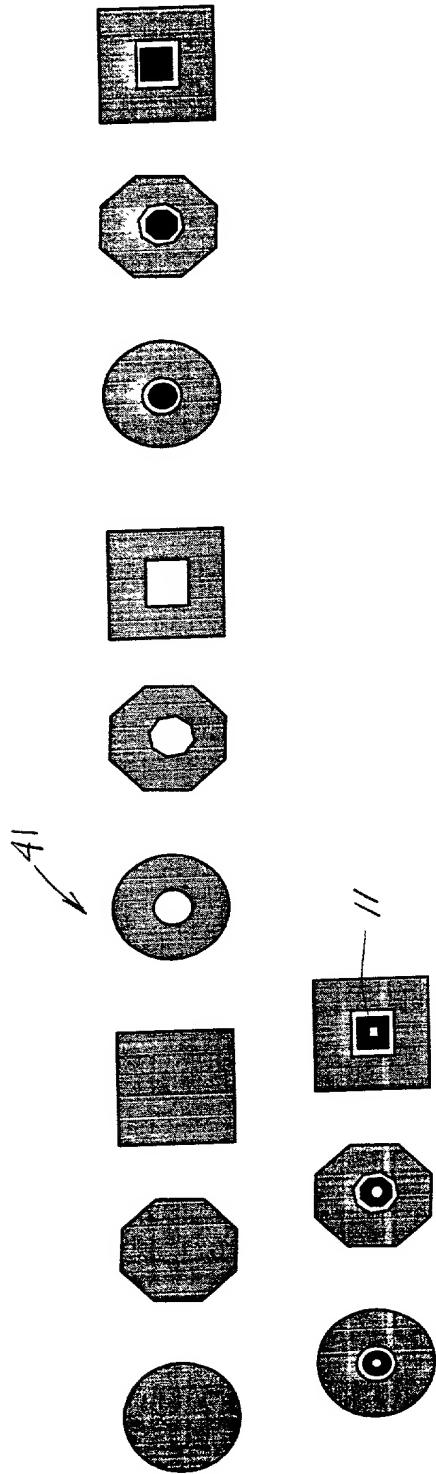


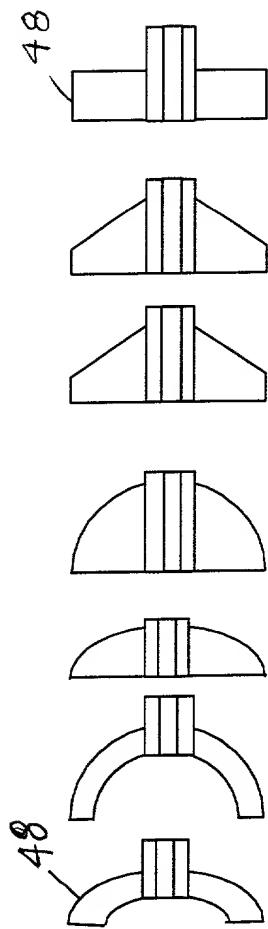
FIG. 6



Preform and Substrate cross sections

FIG. 7

47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71



Substrate end attachments

FIG. 8

10 9 8 7 6 5 4 3 2 1 0

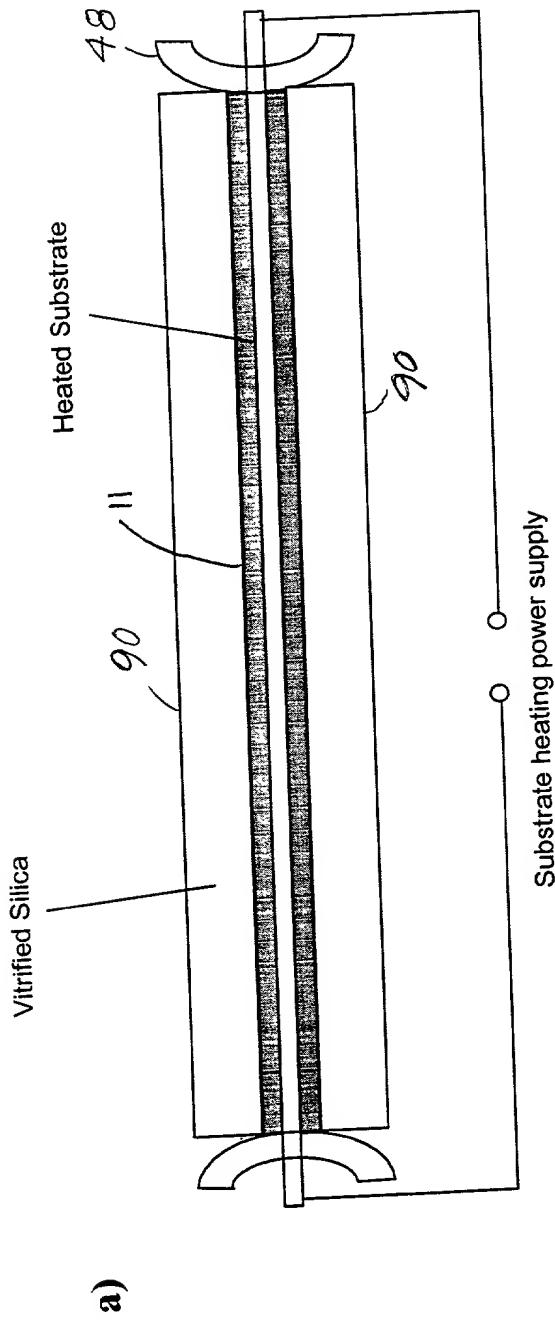
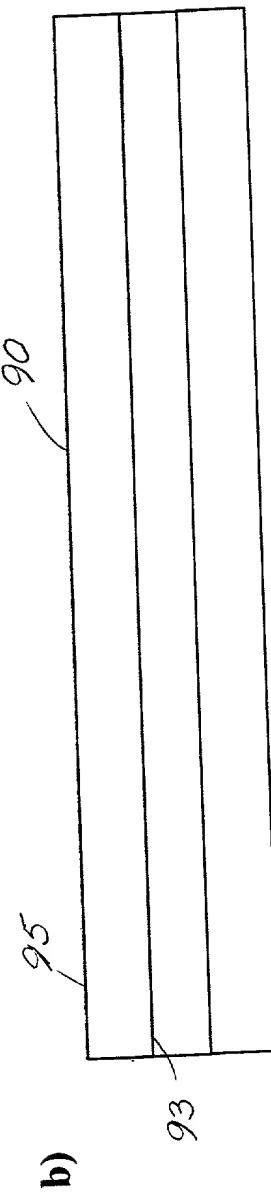


FIG. 9A



Silca Tube Member
FIG. 9B

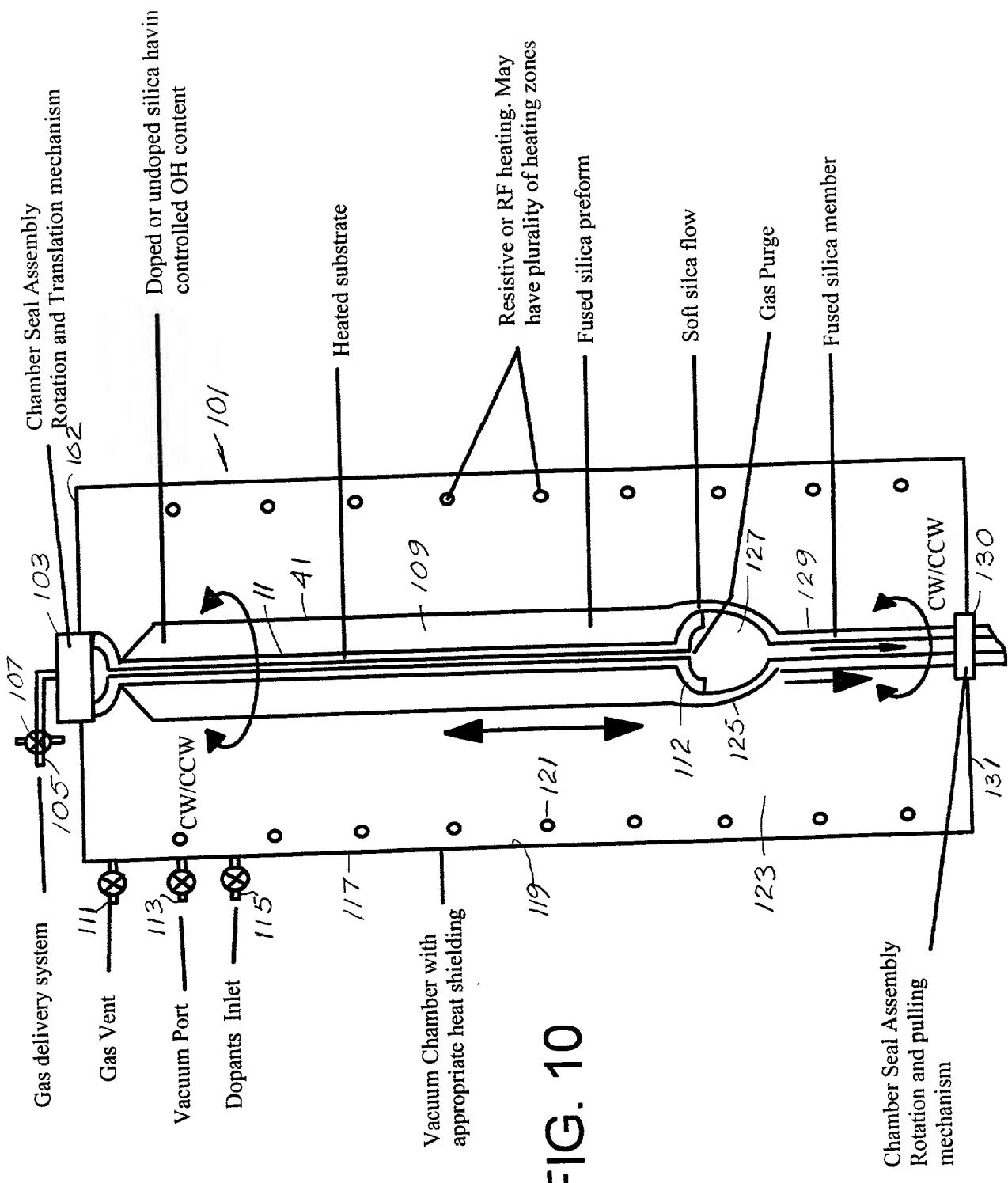


FIG. 10

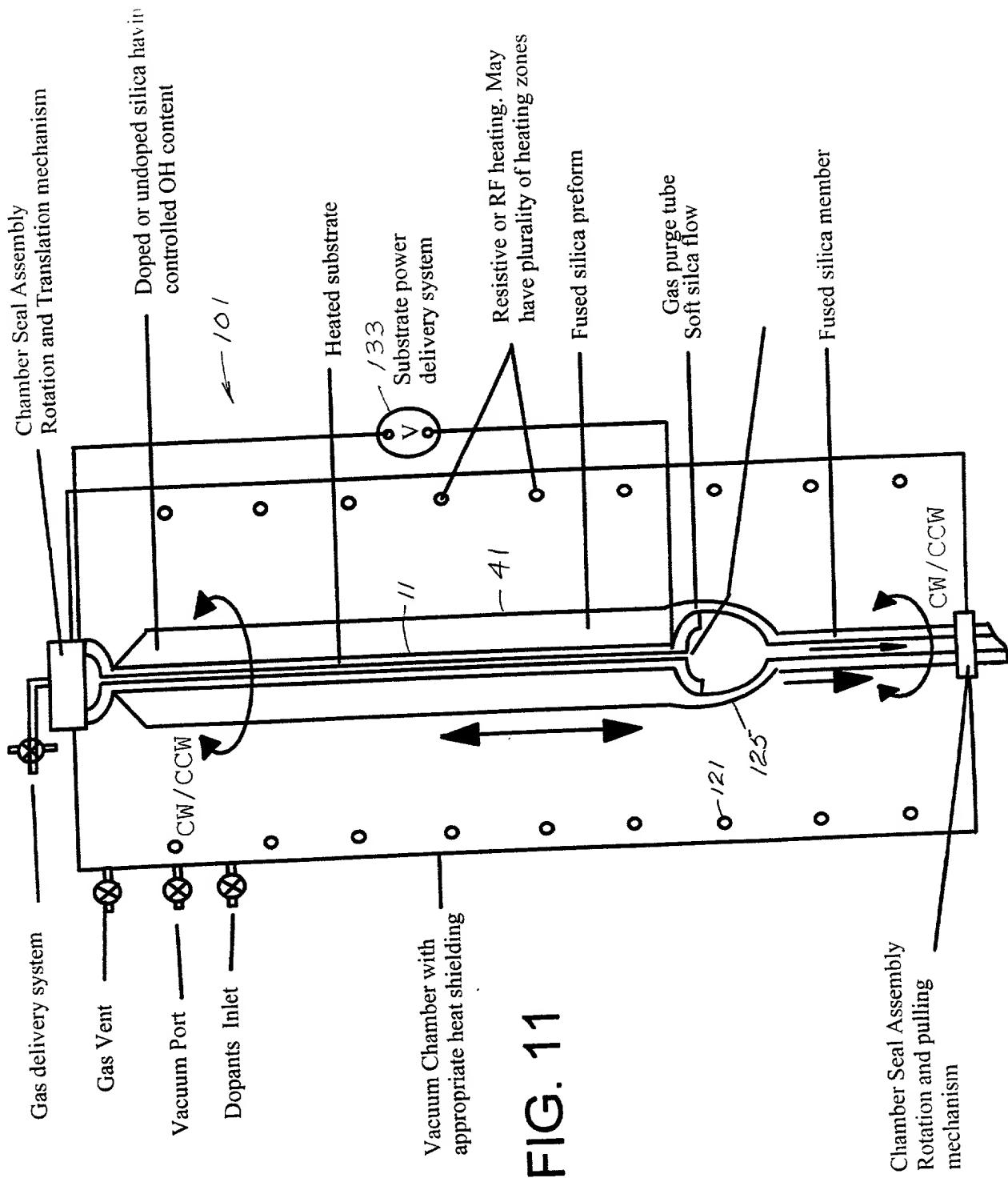


FIG. 11

100 500 1000 1500 2000 2500 3000 3500

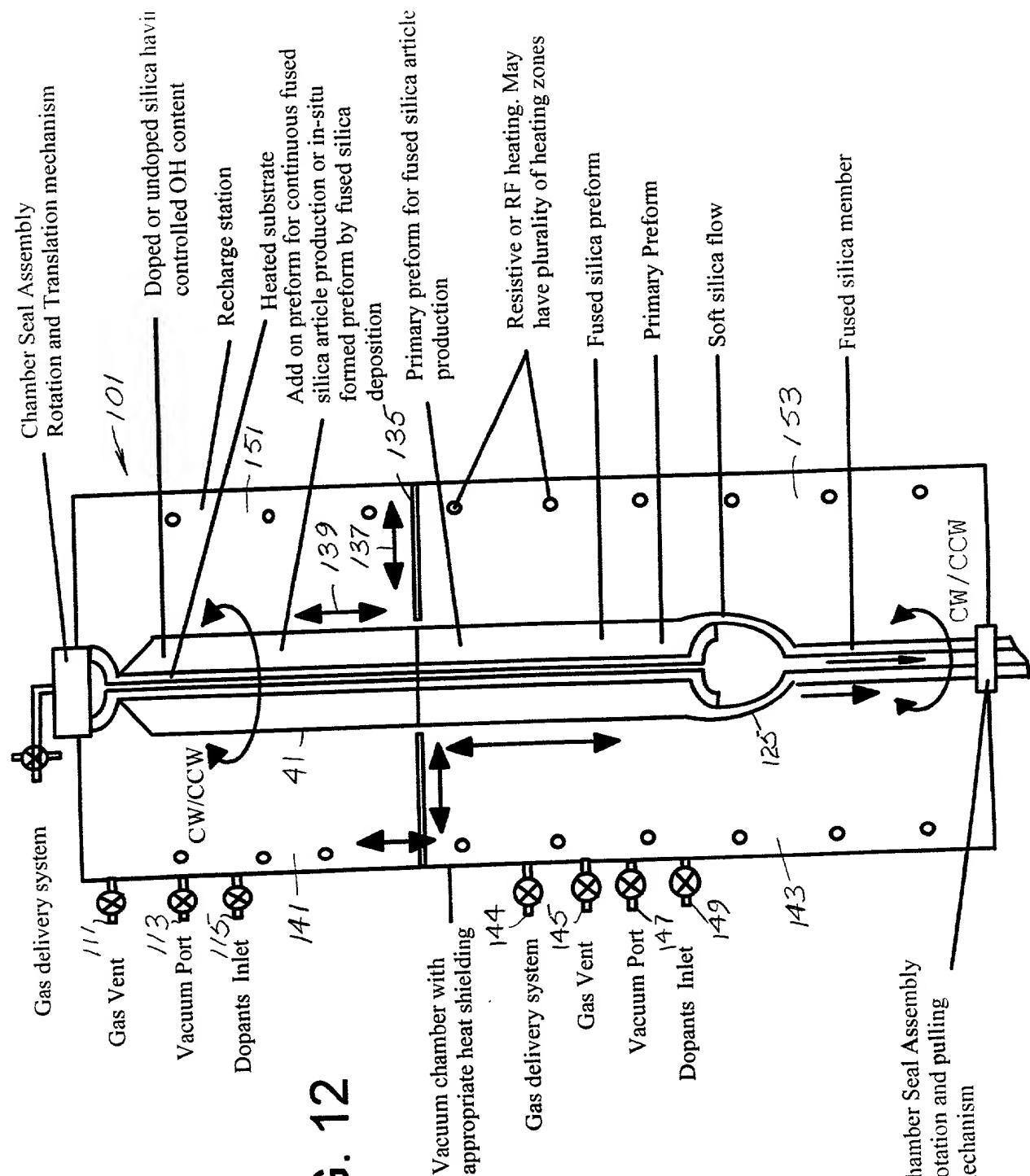
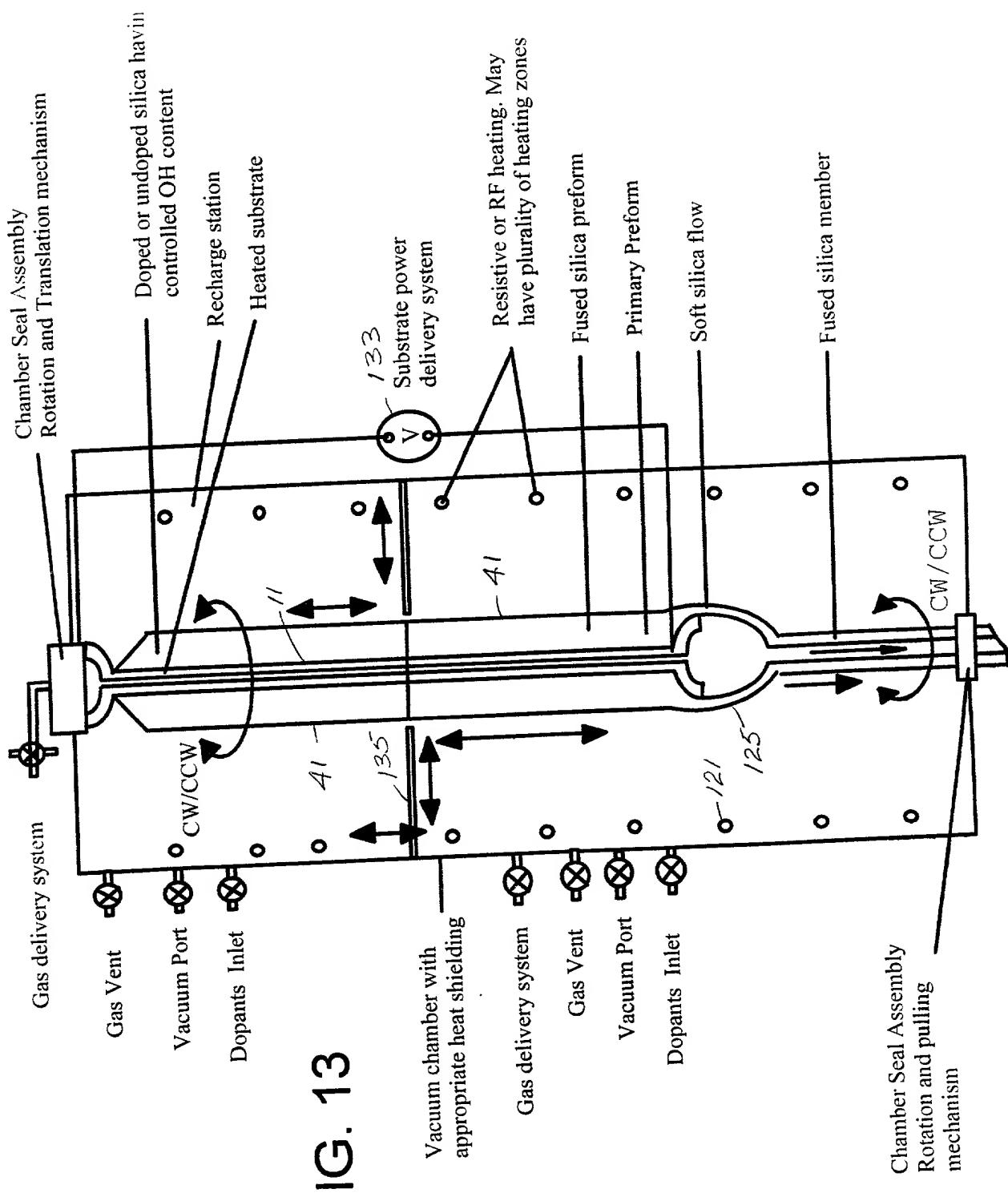


FIG. 12



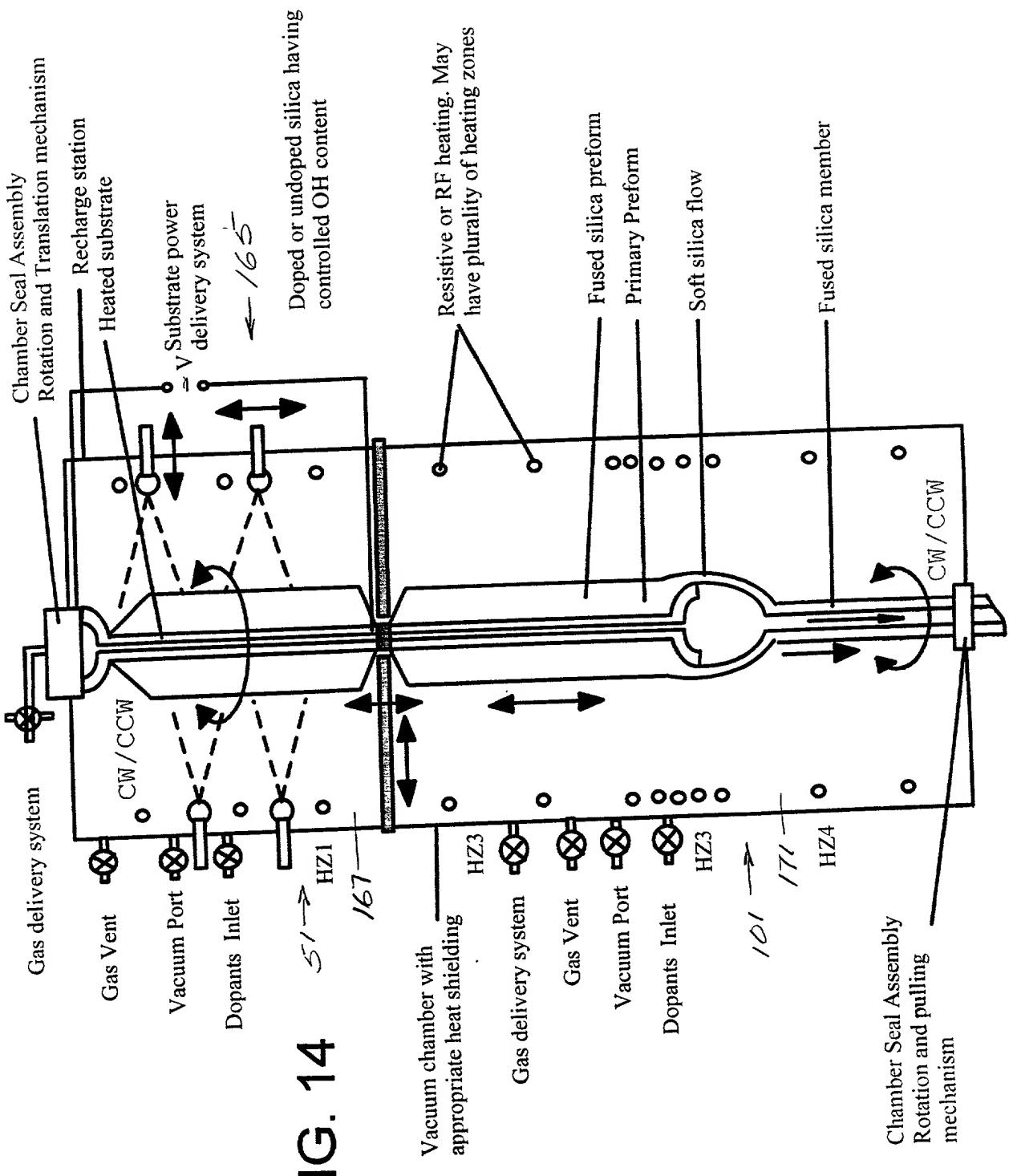
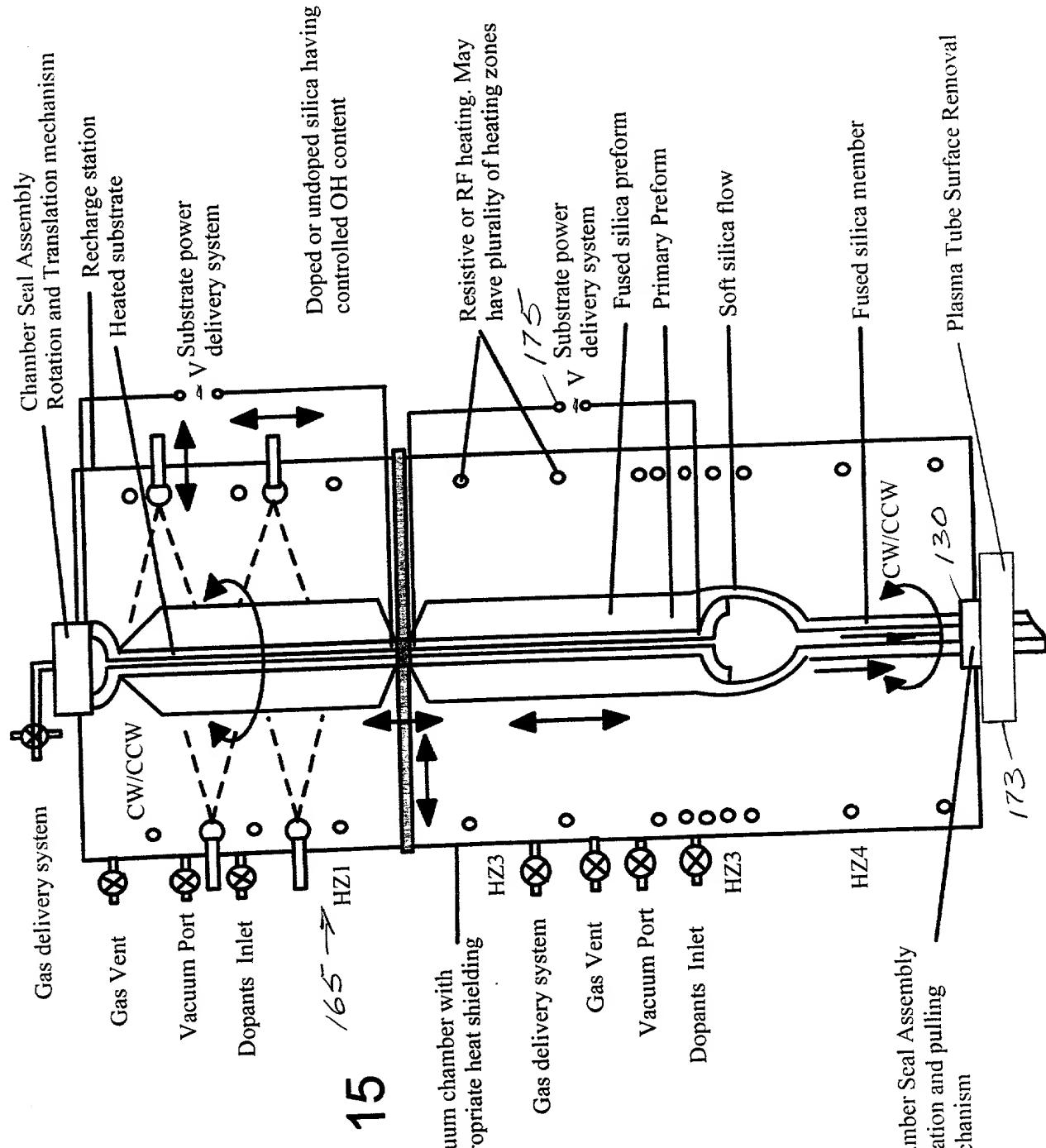


FIG. 14



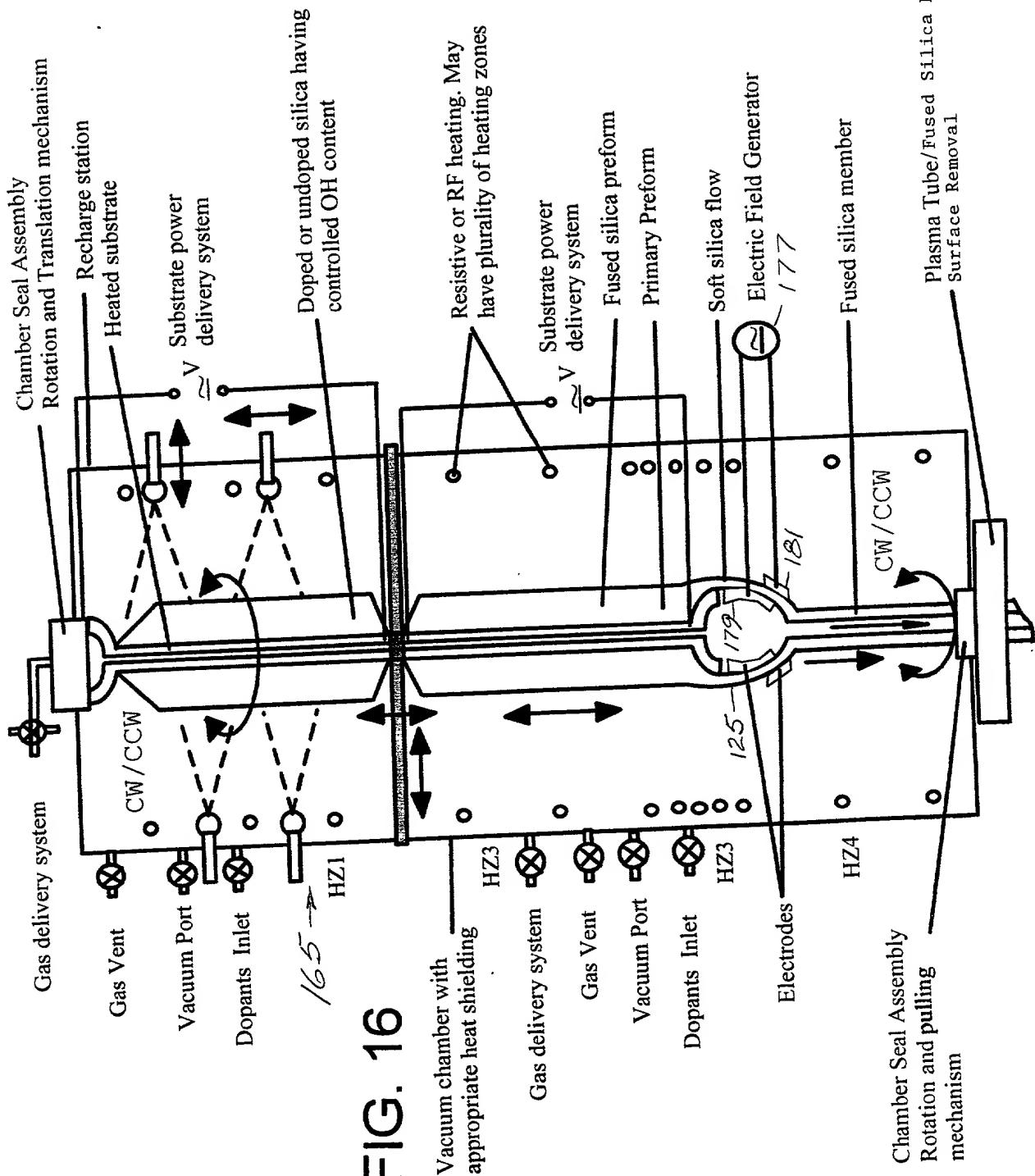
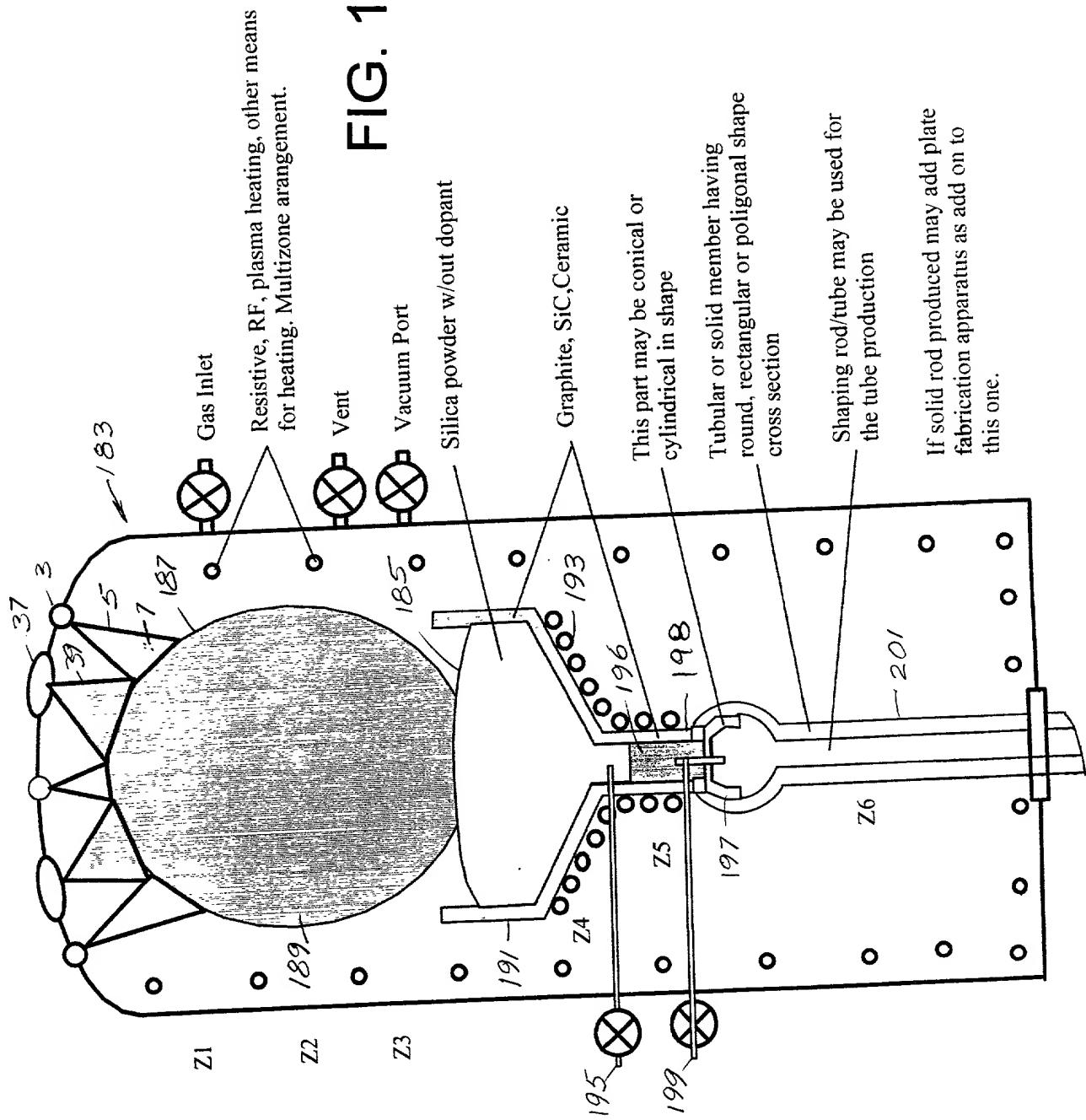
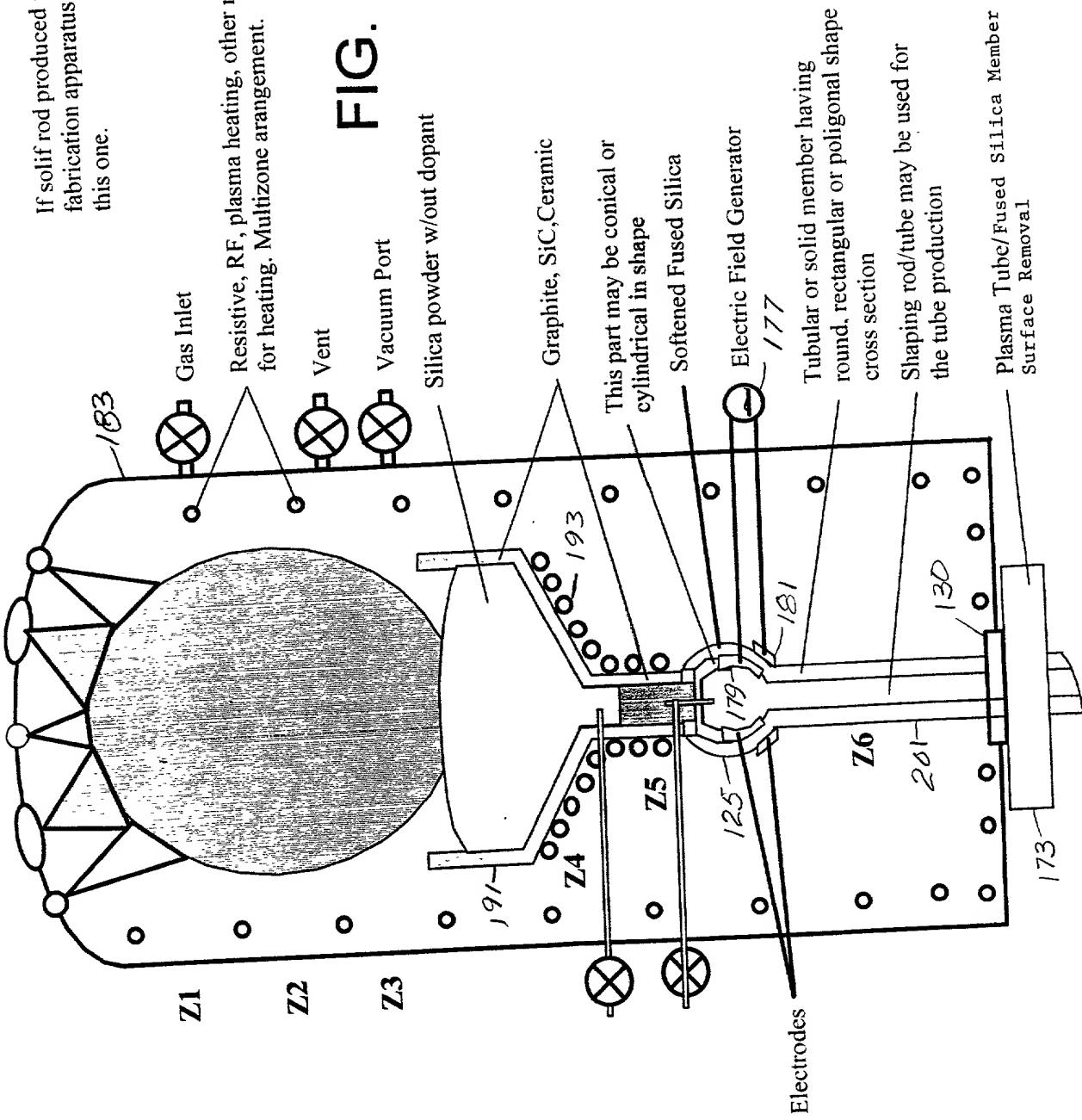
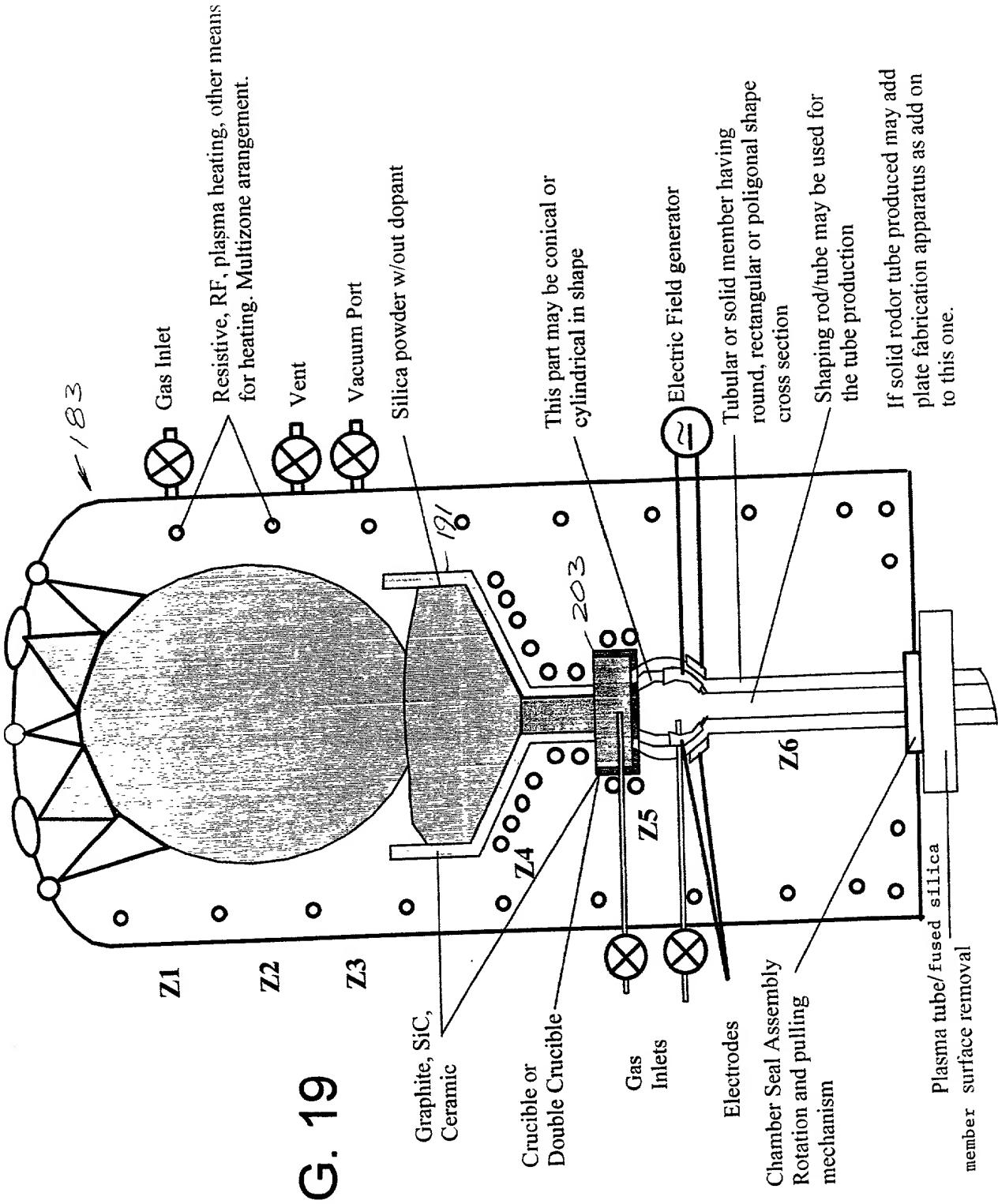


FIG. 17







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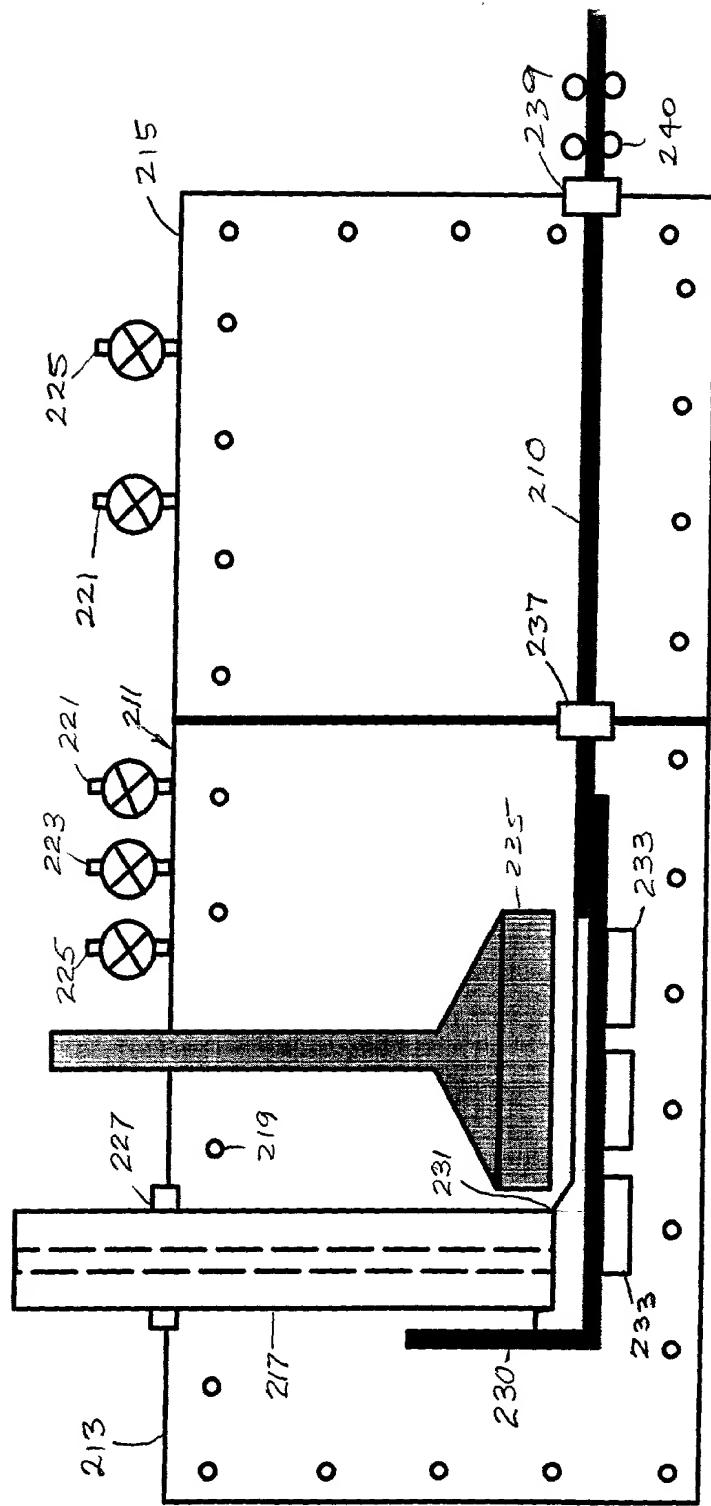


FIG. 20

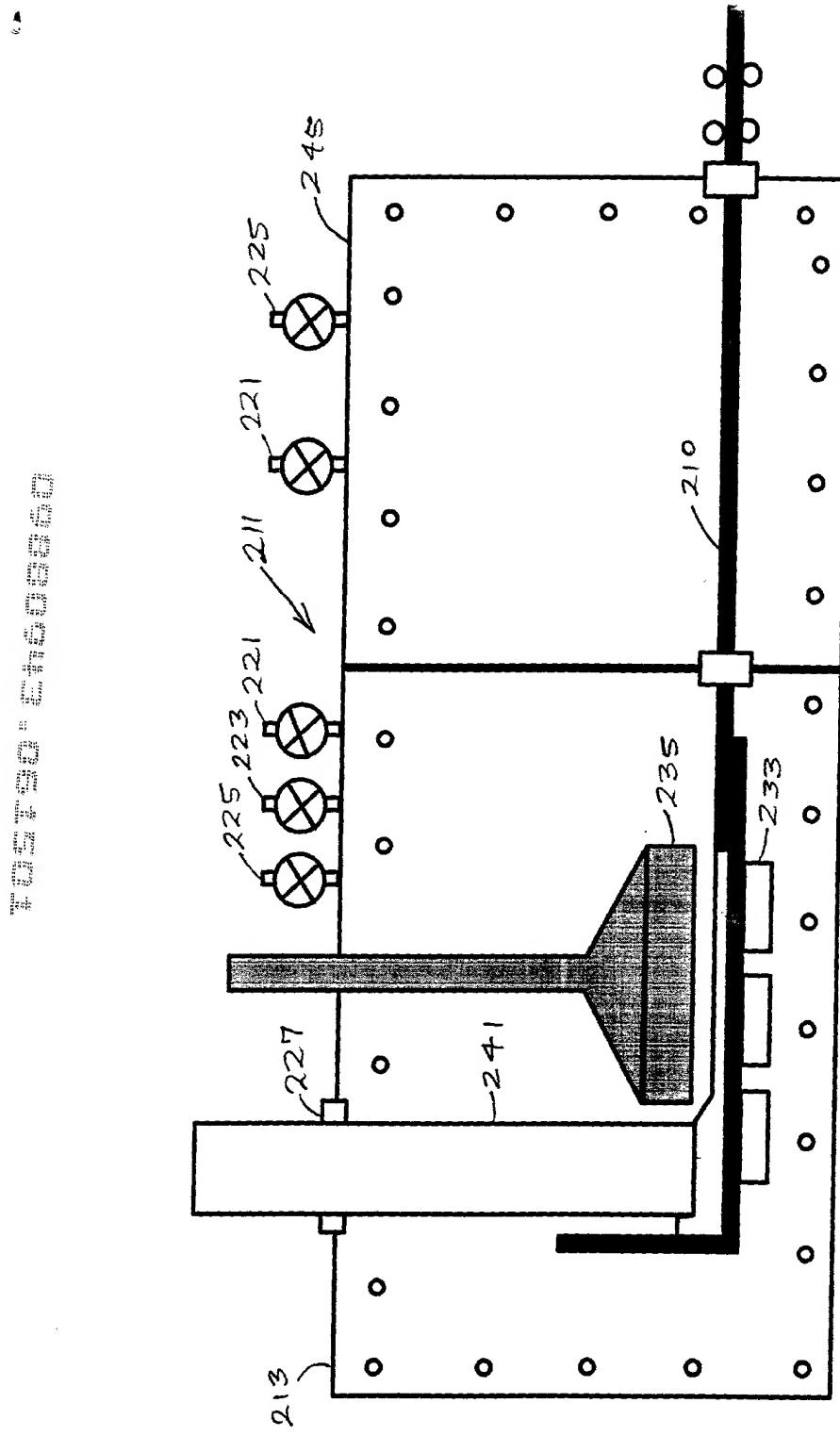


FIG. 21

